

UNDERGROUND UTILITIES

January 2005

SCOPE: Test a candidate's knowledge of the installation, maintenance, repair, alteration, and extension of underground utilities

EXAMINATION OUTLINE

Open Book

50 Questions 2 hour time limit

70% Correct required to pass

SUBJECT AREA

Survey and Layout

Site work

Concrete pipe installation

Sewer installation

Water installation

Manholes & vaults

Safety – Code of Federal Regulations

REFERENCES

The reference materials listed below should be helpful to candidates in preparing for this examination. These materials may NOT contain all of the information needed to be competent in this trade or to pass the examination. We try to keep this reference list current and consisting of industry standard materials. This reference list is only a small sample of materials available which contain the necessary information.

The following references ARE allowed in the testing center:

29 CFR (Code of Federal Regulations) 1926 OSHA (Construction Industry) 2004 edition or higher. Superintendent of Documents, PO Box 371954, Pittsburgh, PA 15250-7954

AWWA Standard for Installation of Ductile Iron Water Mains and their Appurtenances C600-99 1999 edition American Water Works Association 6666 W Quincy Ave Denver CO 80235

Installation Guide for Ductile Iron Pipe 2002 edition Ductile Iron Pipe Research Association 245 Riverchase Parkway East Suite O Birmingham AL 35244

Concrete Pipe Installation Manual 1999 edition American Concrete Pipe Association 222 West Las Colinas Blvd Suite 641 Irving TX 75039-5423

Excavation & Grading Handbook Revised 2nd edition 1987 Craftsman Book Company 6058 Corte del Cedro Carlsbad CA 92009

Pipe & Excavation Contracting 1987 edition Craftsman Book Company 6058 Corte del Cedro Carlsbad CA 92009

Books and editions are subject to change without notice. Please be aware that there may be some questions/answers change due to code updates/edition changes. To receive information on how to obtain references, please call 812-429-9868.

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